

JC
JCWSCS 28 APR 2004

APR-27-2004 14:54

GREER, BURNS & CRAIN, LTD

312 360 9315 P.01

Suite 2500

300 South Wacker Drive

Chicago, Illinois 60606

Telephone (312) 360-0080

Facsimile (312) 360-9315

GREER, BURNS & CRAIN, LTD.

Facsimile Cover Sheet

To: Office of Initial Patent From: Patrick G. Burns

Examination's Filing Receipt

Corrections

Fax: 703-746-9195

Date: April 27, 2004

Your Ref: 10/665,280

Our Ref: 1117.68338

9 Pages (including cover sheet)

Original Will ☐

Will Not ☒ Follow

☐ Urgent

☐ For Review

☐ Please Reply

IF THIS FACSIMILE IS RECEIVED INCOMPLETE, PLEASE CONTACT Katrina Whitten AT (312) 360-0080.

● Comments:

The documents accompanying this facsimile transmission contain information that may be confidential or privileged and exempt from disclosure under applicable law. The information is intended to be for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this information is without authorization and is prohibited. If you have received this facsimile in error, please notify us by collect telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

1117.68338

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arihiro Takeda)

Serial No. 10/665,280)

Filed: 9/18/2003)

For: LIQUID CRYSTAL DISPLAY)
DEVICE AND LIQUID)
CRYSTAL ORIENTATION)
METHOD)

Art Unit: 2871)

I hereby certify that this paper is being transmitted by facsimile
to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA
22313-1450, on this date.

27 April 04 
Date Registration No. 29,367
Attorney for Applicant(s)

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Dear Sir:

Applicants hereby request that a corrected Filing Receipt be issued which indicates the correct assignee. The Patent and Trademark Office inadvertently listed "Fujitsu Limited" as one of the assignees. The correct assignee is --FUJITSU DISPLAY TECHNOLOGIES CORPORATION--, as seen in the transmittal letter for this application (copy enclosed).

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By


Patrick G. Burns
Registration No. 29,367

April 27, 2004
300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: 312.360.0080
Facsimile: 312.360.9315



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/665,280	09/18/2003	2871	750	1117.68338	27	5	1

CONFIRMATION NO. 5624

Patrick G. Burns, Esq.
GREER, BURNS & CRAIN, LTD.
Suite 2500
300 South Wacker Drive
Chicago, IL 60606

FILING RECEIPT



OC000000011462400

Date Mailed: 12/11/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Arihiro Takeda, Kawasaki, JAPAN;
Shingo Kataoka, Kawasaki, JAPAN;
Tsuyoshi Kamada, Yonago, JAPAN;
Kazuya Ueda, Kawasaki, JAPAN;
Takahiro Sasaki, Kawasaki, JAPAN;

Assignment For Published Patent Application

~~Fujitsu Limited, Kawasaki-shi, JAPAN;~~
FUJITSU DISPLAY TECHNOLOGIES CORPORATION, Kawasaki-shi, JAPAN;

Domestic Priority data as claimed by applicant

This application is a DIV of 10/047,216 01/14/2002

Foreign Applications

JAPAN 2001-029814 02/06/2001

If Required, Foreign Filing License Granted: 12/10/2003

Projected Publication Date: 03/18/2004

Non-Publication Request: No

Early Publication Request: No

03 DEC 16 11:12:14

Title

Liquid crystal display device and liquid crystal orientation method ✓

Preliminary Class

349

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Continuation/Divisional Docket No.: 1117.68338
Parent Docket No.: 1117.66107

PATENT APPLICATION**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Takeda et al.
Application No.: 10/047,216 Art Unit: 2871
Filed: January 14, 2002 Examiner: Duong, Thoi V.
For: LIQUID CRYSTAL DISPLAY DEVICE
AND LIQUID CRYSTAL ORIENTATION METHOD

COPY

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**NOTIFICATION OF FILING OF CONTINUING
OR DIVISIONAL APPLICATION**

Notification is hereby being made of the filing of a:

☐ continuation

☐ continuation-in-part

☒ divisional

application for this case

☒ concurrently herewith.

☐ on _____
Date

Reg No. 29,367

Tel. No.: 312.360.0080


SIGNATURE OF ATTORNEY

Patrick G. Burns

(type or print name of attorney)

Greer, Burns & Crain, Ltd.

300 S. Wacker Dr. Suite 2500

(address)

Chicago, IL 60606

CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being:

☒ deposited with the United States Postal Service in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. 1.8a

37 C.F.R. 1.10

☐ with sufficient postage as "first class" mail. ☒ as "Express Mail" Mailing Label No. EV032734864US.

Sep. 18 2003
Date


Signature

Daniel Canan

(type or print name of person certifying)

Notification Form

Docket No.: 1117.68338

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Anticipated Classification of this application:

Class: Subclass:

Prior application: 10/047,216

Examiner: Duong, Thoi V.

Art Unit: 2871

REQUEST FOR FILING CONTINUING OR DIVISIONAL APPLICATION

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This is a request for filing a

☐ Continuation application,☒ Divisional application,

under 37 CFR 1.53(b), of pending prior application Serial No. 10/047,216 filed on January 14, 2002
for LIQUID CRYSTAL DISPLAY DEVICE AND LIQUID CRYSTAL ORIENTATION METHOD.

CERTIFICATION UNDER 37 CFR 1.10

I certify that, on the date shown below, these documents are being deposited with the United States Postal Service in an envelope addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, as "Express Mail Post Office to Addressee," Mailing Label No. EV032734864US.

Date September 18, 2003

Signature



1. ☒ Enclosed is a copy of the prior application, including the oath or declaration as originally filed. The attached application papers are a true copy of prior application Serial No. 10/047,216 as originally filed on January 14, 2002, and no amendments referred to in the oath or declaration as originally filed introduced new matter. This statement is made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

The copy of the papers of the prior application as filed are as follows:

- ☒ 63 pages of specification including claims and abstract
 - ☒ 27 sheets(s) of drawing
 - ☒ 4 pages of declaration and power of attorney
2. ☐ Enclosed is a replacement specification reflecting previously submitted amendments and/or additional formal amendments. No new matter is added by the changes. A copy of the oath or declaration as originally filed is also included.

The new application includes:

- ☐ pages of specification including claims and abstract
 - ☐ sheets(s) of drawing
 - ☐ pages of declaration and power of attorney
3. ☐ A statement (Declaration) claiming small entity status was filed in the prior application and small entity status for this application is proper and desired.
 4. ☒ Cancel in this application original claims 1-21 and 27-33 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes).

5. (X) The filing fee is calculated below:

CLAIMS AS FILED IN THE PRIOR APPLICATION, LESS ANY CLAIMS CANCELED BY AMENDMENT BELOW

For	No. Filed	No. Extra	Rate	Fee
Basic Fee.....				\$750.00
Total Claims...	5 - 20 =		x \$18.00 =	\$ -0-
Independent Claims....	1 - 3 =	0	x \$84.00 =	\$ -0-
		Total Filing Fee		\$750.00
Statement of Status as Small Entity Reducing Filing Fee By Half To				\$ -0-

6. (X) A check in the amount \$750.00 is enclosed.
7. (X) The Commissioner is hereby authorized to charge any additional fees which may be required for this application under 37 C.F.R. § 1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.
8. () A petition and fee for an extension of time has been filed in the pending prior application. A copy of the petition is attached.
9. (X) Amend the specification by inserting before the first line the sentence: --This is a divisional of application Serial No. 10/047,216, filed January 14, 2002.--
10. (X) Priority of application Serial No(s). 2001-029814 filed on February 6, 2001 in Japan is claimed under 35 U.S.C. § 119.
- (X) The certified copy was filed in prior application Serial No. 10/047,216, filed January 14, 2002.
11. (X) The prior application is assigned of record to: Fujitsu Limited, 1-1 Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan. The assignment was recorded on January 24, 2002 on Reel 012509, Frame 0958.



Fujitsu Limited then assigned this application to FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka, 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588 Japan. This assignment was recorded on December 18, 2002 on Reel 013442, Frame 0107.

12. (X) The inventors of the invention of the parent application, serial number 10/047,216 are Arihiro TAKEDA and Shingo KATAOKA.
13. () An information disclosure statement is submitted herewith.
14. () A preliminary amendment is enclosed herewith.
15. () Please delete the name(s) of ^^^^ who is (are) not a (an) inventor(s) of the subject matter of the () continuing () divisional application.
16. (X) The power of attorney in the prior application is to:

Patrick G. Burns, Reg No. 29,367
Greer, Burns & Crain, Ltd.
300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606

- (X) The power appears in the original papers in the prior application.

- (X) Address all future communications to:

Patrick G. Burns, Esq.
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606

September 18, 2003

Patrick G. Burns
Registration No. 29,367
Attorney of record

Greer, Burns & Crain, Ltd.
300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
312.360.0080

Continuation/Divisional Application, 4 pages, 16 paragraphs
Revision September 26, 2000